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producing an overlay of each element of the diversity pattern with the symbol pattern.

30. A method as in claim 29, wherein each element of the diversity pattern is one of a true and a complement of another element in the diversity pattern.

31. A method as in claim 29, wherein each symbol of the symbol pattern is at least one of a true, a complement and a conjugate of another symbol in the symbol pattern.

32. A method as in claim 29, further comprising the steps of:

transmitting a first symbol of the symbol pattern corresponding to a first element of the diversity pattern from a first antenna at a first time;

transmitting a second symbol of the symbol pattern corresponding to the first element of the diversity pattern from a second antenna at the first time;

transmitting a fifth symbol of the symbol pattern corresponding to a second element of the diversity pattern from a third antenna at the first time; and

transmitting a sixth symbol of the symbol pattern corresponding to the second element of the diversity pattern from a fourth antenna at the first time.

33. A method as in claim 32, further comprising the steps of:

transmitting a third symbol of the symbol pattern corresponding to the first element of the diversity pattern from the first antenna at a second time;

transmitting a fourth symbol of the symbol pattern corresponding to the first element of the diversity pattern from the second antenna at the second time;

transmitting a seventh symbol of the symbol pattern corresponding to the second element of the diversity pattern from the third antenna at the second time; and

transmitting an eighth symbol of the symbol pattern corresponding to the second element of the diversity pattern from the fourth antenna at the second time.

34. A method as in claim 29, further comprising the steps of:

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transmitting a first symbol of the symbol pattern corresponding to a first element of the diversity pattern from a first antenna at a first time;

transmitting a second symbol of the symbol pattern corresponding to the first element of the diversity pattern from a second antenna at the first time;

transmitting a fifth symbol of the symbol pattern corresponding to a second element of the diversity pattern from a third antenna at a third time; and

transmitting a sixth symbol of the symbol pattern corresponding to the second element of the diversity pattern from a fourth antenna at the third time.

35. A method as in claim 34, further comprising the steps of:

transmitting a third symbol of the symbol pattern corresponding to the first element of the diversity pattern from the first antenna at a second time;

transmitting a fourth symbol of the symbol pattern corresponding to the first element of the diversity pattern from the second antenna at the second time;

transmitting a seventh symbol of the symbol pattern corresponding to the second element of the diversity pattern from the third antenna at a fourth time; and

transmitting an eighth symbol of the symbol pattern corresponding to the second element of the diversity pattern from the fourth antenna at the fourth time.

36. A method as in claim 34, further comprising the steps of:

not transmitting from the third and the fourth antennas during a part of the first time; and

not transmitting from the first and the second antennas during a part of the third time.

37. A method of processing signals, comprising the steps of:

receiving an overlay pattern of transmitted symbols from plural signal sources at plural times;

decoding the overlay pattern according to a diversity pattern having plural elements corresponding to plural signal sources and plural times; and

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decoding the overlay pattern according to a symbol pattern having a plurality of symbols corresponding to plural signal sources and plural times, the symbol pattern corresponding to each of plural elements of the diversity pattern.

38. A method as in claim 37, wherein each element of the diversity pattern is one of a true and a complement of another element in the diversity pattern.

39. A method as in claim 37, wherein each symbol of the symbol pattern is at least one of a true, a complement and a conjugate of another symbol in the symbol pattern.

40. A method as in claim 37, further comprising the steps of:

receiving a first symbol of the symbol pattern corresponding to a first element of the diversity pattern from a first antenna at a first time;

receiving a second symbol of the symbol pattern corresponding to the first element of the diversity pattern from a second antenna at the first time;

receiving a fifth symbol of the symbol pattern corresponding to a second element of the diversity pattern from a third antenna at the first time; and

receiving a sixth symbol of the symbol pattern corresponding to the second element of the diversity pattern from a fourth antenna at the first time.

41. A method as in claim 40, further comprising the step of decoding the first, second, fifth and sixth symbols.

42. A method as in claim 40, further comprising the steps of:

receiving a third symbol of the symbol pattern corresponding to the first element of the diversity pattern from the first antenna at a second time;

receiving a fourth symbol of the symbol pattern corresponding to the first element of the diversity pattern from the second antenna at the second time;

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receiving a seventh symbol of the symbol pattern corresponding to the second element of the diversity pattern from the third antenna at the second time; and

receiving an eighth symbol of the symbol pattern corresponding to the second element of the diversity pattern from the fourth antenna at the second time.

43. A method as in claim 37, further comprising the steps of:

receiving a first symbol of the symbol pattern corresponding to a first element of the diversity pattern from a first antenna at a first time;

receiving a second symbol of the symbol pattern corresponding to the first element of the diversity pattern from a second antenna at the first time;

receiving a fifth symbol of the symbol pattern corresponding to a second element of the diversity pattern from a third antenna at a third time; and

receiving a sixth symbol of the symbol pattern corresponding to the second element of the diversity pattern from a fourth antenna at the third time.

44. A method as in claim 43, further comprising the steps of:

not decoding a symbol from the third and the fourth antennas during the first time; and

not decoding from the first and the second antennas during the third time.

45. A method as in claim 43, further comprising the steps of:

receiving a third symbol of the symbol pattern corresponding to the first element of the diversity pattern from the first antenna at a second time;

receiving a fourth symbol of the symbol pattern corresponding to the first element of the diversity pattern from the second antenna at the second time;

receiving a seventh symbol of the symbol pattern corresponding to the second element of the diversity pattern from the third antenna at a fourth time; and

receiving an eighth symbol of the symbol pattern corresponding to the second element of the diversity pattern from the fourth antenna at the fourth time.